

Converting Colors

Hex(CE9DEA)

Have a look what the booklet for
Hex(CE9DEA) contains.

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Color

Hex(CE9DEA)

Conversions

Conversions Part 1

Format	Color
Hex	CE9DEA
RGB	206, 157, 234
RGB Percent	81%, 62%, 92%
CMY	0.1922, 0.3843, 0.0824
CMYK	0.12, 0.33, 0.00, 0.08
HSL	278°, 65%, 77%
HSV	278°, 33%, 92%
XYZ	52.3619, 43.1763, 83.4160
YIQ	180.4290, 4.4870, 34.3350

Conversions

Conversions Part 2

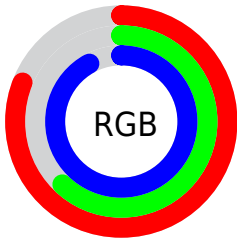
Format	Color
R _Y B	206, 157, 234
Decimal	13540842
CIE Lab	71.67, 31.98, -31.84
CIE LCh	72, 45.127, 315.123
Yxy	43.1763, 0.2926, 0.2413
Android (android.graphics.Color)	4291730922 (0xFFCE9DEA)
YUV	180.4290, 26.4105, 22.4258
Hunter-Lab	65.7086, 27.2528, -29.2716

Details

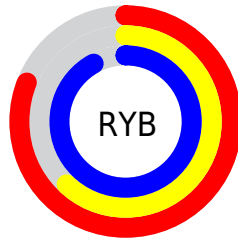
The Hex color **CE9DEA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9EA9D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD4FF**, and **9769B2** is the 20% darker color. If you saturate the color by 10%, you get **C586EA**, and if you desaturate by 10%, it is **D7B4EA**.

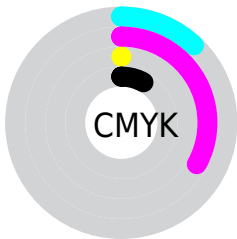
Distribution



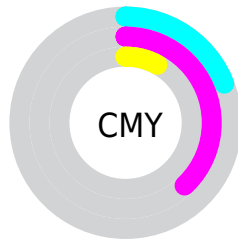
- Red (81%)
- Green (62%)
- Blue (92%)



- Red (81%)
- Yellow (62%)
- Blue (92%)



- Cyan (12%)
- Magenta (33%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (38%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE9DEA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CE9DEA by changing the saturation by 10% instead.

 CE9DEA

 CE9DEA

FFFFFF

 B283CE

 FFD4FF

 9769B2

 FFF1FF

 7C5097

 62387D

 492164

 31094B

 1C0035

 00021E

 000001

 CE9DEA

 CE9DEA

 C586EA

 D7B4EA

 BD6EEA

 DFCCEA

 B457EA

 E8E3EA

 AC3FEA

 F0FBEA

 A328EA

 F9FFEA

 9B11EA

 FFFFEA

 9500EA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93ADFF



CE9DEA



F291C6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CE9DEA



DBA660



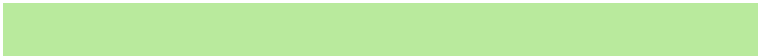
00C5C4

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CE9DEA



B9EA9D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4CC499



CE9DEA



B5B45E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CE9DEA



F59877



87BE74



00C2E9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CE9DEA



FD8EAA



87BE74



00C5B6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CE9DEA



F6E6FF



9DB9EA



7A7080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CE9DEA



DB9CFF



EA9DE0



716A75



7300B5



220036

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EA9DB9



FF9CC0



9DEAA7



756A6E



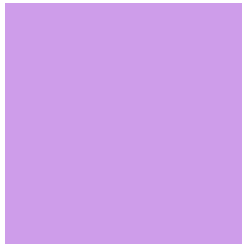
B50042



360013

Previews

White Background



This preview shows how the Hex color CE9DEA looks on a white background.

Color Contrast Check

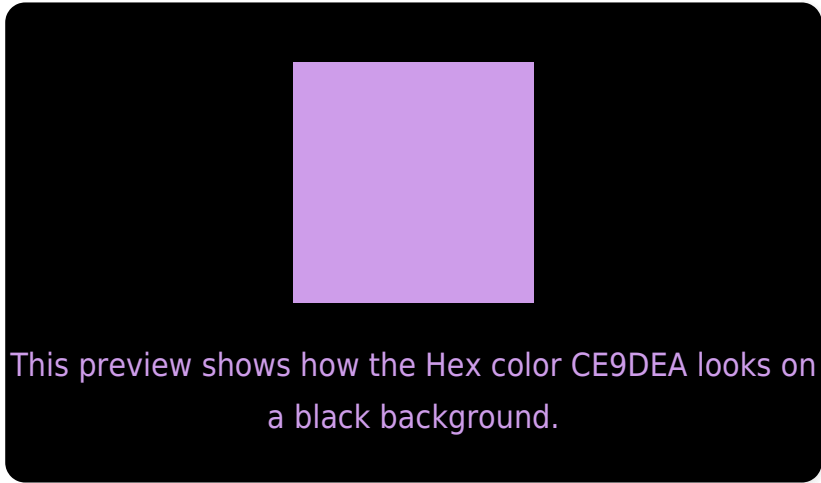
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

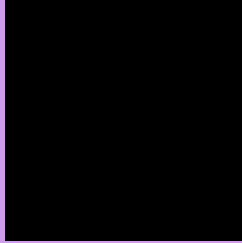
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CE9DEA Background



This preview shows how black text looks on a background with the Hex color CE9DEA.

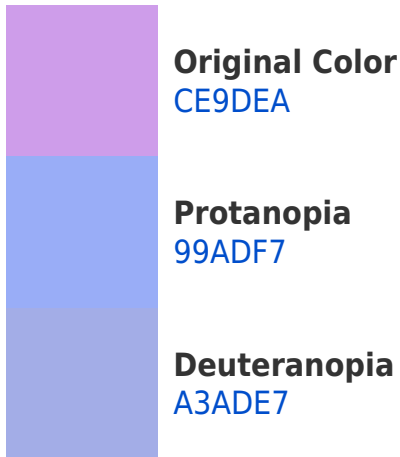


This preview shows how white text looks on a background with the Hex color CE9DEA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

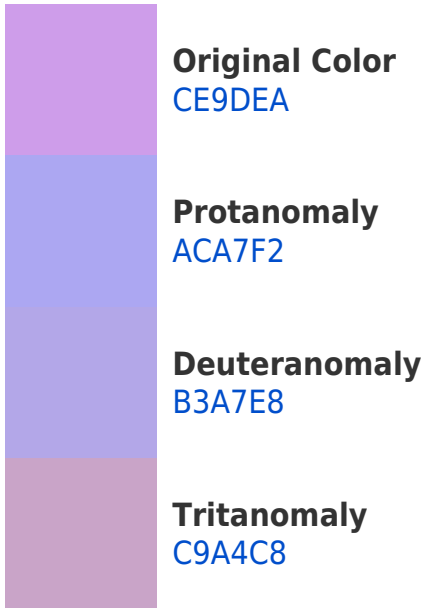
Dichromacy



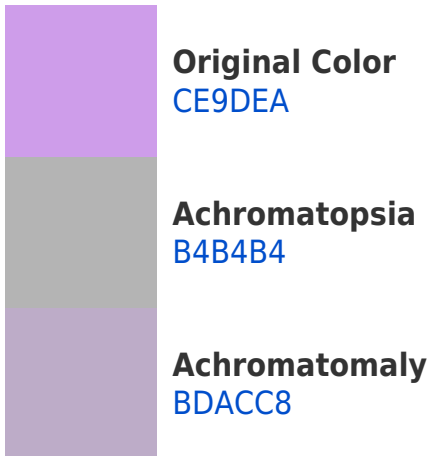


Tritanopia
C6A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE9DEA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CE9DEA looks like.

```
.text, #text, p{  
    color:#CE9DEA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CE9DEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9DEA
}
```

Border

The CSS property to change the border of an element to Hex CE9DEA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE9DEA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CE9DEA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CE9DEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9DEA; -webkit-box-shadow:4px 4px  
4px 4px #CE9DEA; box-shadow:4px 4px 4px  
4px #CE9DEA }
```

Background

The CSS property to change the background color of an element to Hex CE9DEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9DEA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CE9DEA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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